

DECLARATION

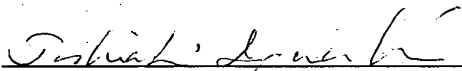


I, Toshiaki Igarashi, a patent attorney of IGARSHI & COMPANY, 2nd Floor, Morishita Bldg., 8-13, Toranomom 1-chome, Minato-ku, Tokyo, 105-0001 Japan,

do hereby solemnly and sincerely declare:

1. That I am well acquainted with the English and Japanese languages,
2. That I hereby certify that, to the best of my knowledge and belief, the following is a true and correct partial translation made by me into the English language of the documents in respect of Japanese Patent Application Laid-Open No. JP-A 10-270006 filed on March 24, 1997 in the name of Toyota Motor Corporation.

Dated this 25th day of September, 2003


Toshiaki Igarashi
Japanese Patent Attorney

Japanese Patent Application Laid-Open (JP-A) No. 10-270006

- (19) Japanese Patent Office
(43) Date of Publication: October 9, 1998
(51) Int. Cl.⁶: H01M 2/20
2/10
2/30
10/48
(21) Application Number: 09-69956
(22) Date of Filing: March 24, 1997
(71) Applicant: 000003207 [ID before the JPO]
Toyota Motor Corporation
1, Toyota-cho, Toyota-shi, Aichi, Japan
(72) Inventor: TAKATSU, Kazumi
c/o Matsushita Electric Industrial Co., Ltd., 1006, Ooaza
Kadoma, Kadoma-shi, Osaka, Japan
: KOBAYASHI, Takaki
c/o Matsushita Electric Industrial Co., Ltd., 1006, Ooaza
Kadoma, Kadoma-shi, Osaka, Japan
: MARUKAWA, Shuhei
c/o Matsushita Electric Industrial Co., Ltd., 1006, Ooaza
Kadoma, Kadoma-shi, Osaka, Japan
: ETO, Toyohiko
c/o Toyota Motor Corporation, 1, Toyota-cho, Toyota-shi,
Aichi, Japan
: WATANABE, Isao
c/o Toyota Motor Corporation, 1, Toyota-cho, Toyota-shi,
Aichi, Japan
: FUKAO, Yasuyoshi
c/o Toyota Motor Corporation, 1, Toyota-cho, Toyota-shi,
Aichi, Japan
(54) Title of the Invention: Battery Power Supply and End Plate Used Therein

Page (9), from column 15, line 45 to column 16, line 8

In this way, by making cross-section areas of cooling adjustment fins 52e, 52f, 52g larger depending on their upper dispositions, the upper the fins are disposed, the narrower the passes for air flow formed between battery modules 9 and the cooling adjustment fins 52 are formed, thereby the air flow speed around the battery modules 9 at the 5th step is made larger than that at the 4th step, the air flow speed around the battery modules 9 at the 6th step is made larger than that at the 5th step, the air flow speed around the battery modules 9 at the 7th step is made larger than that at the 5th step. This utilized the fact that, when the flow rate of cooling air is increased, cooling effect is increased in proportion to the square root of the flow rate.